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Applicant(s)	Michael M. Walters et al.
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INFORMATION DISCLOSURE
STATEMENT
FORM PTO-1449

Title: MULTI-PHASE CONVERTER WITH BALANCED CURRENTS

Sheet 1 of 1

U.S. Patent References				
Examiner Initials	Patent No.	Issue Date	Name	Filing Date
CE	4,924,170	05/08/90	Henze	01/03/89
7	5,477,132	12/19/95	Canter et al	07/22/94
	5,513,094	04/30/96	Stanley	03/27/95
	5,724,237	03/03/98	Hunter	06/11/96
	5,808,453	09/15/98	Lee et al.	08/21/96
	5,834,925	11/10/98	Chesavage	05/08/97
	5,847,548	12/08/98	He et al.	09/26/97
	5,861,738	01/19/99	Becker-Irvin et al.	11/13/97
	5,909,108	06/01/99	He et al.	02/23/98
	5,945,815	08/31/99	Elliott	06/02/98
CE	6,137,274	10/24/00	Rajagopalan	02/02/00

Foreign Patent References				
Examiner Initials	Foreign Patent	Name	Publication Date	T?
	Country No.			
CE	EP 0 419 993 A2		3 April 1991	
CE	EP 0 809 347 A2		26 November 1997	

Other References	
Examiner Initials	Author, Title, Date, Pages, etc.
CE	Jovanovic, Milan M., "A Novel, Low-Cost Implementation of "Democratic" Load - Current Sharing of Paralleled Converter Modules", IEEE Transactions on Power Electronics, Vol. 11, No. 4, July 1996, pgs. 604-611.
7	Semtech, "Programmable, High Performance Multiphase PWM Controller SC 1144", Semtech, 1999, Pgs. 1-11, July 7, 1999.
	Harris Semiconductor Corporation, "Microprocessor Core Voltage Regulator Multi-Phase Buck PWM Controller HIP6301", Harris Semiconductor Corporation, 1999, Pgs. 1-8, July 1999.
	Harris Semiconductor Corporation, "Multi-Phase Buck Technology", Harris Semiconductor Corporation, 1999, Pgs 1-12, April 4, 1999.
	V. Joseph Thottuvellil, "Analysis and Control Design of Paralleled DC/DC Converters with Current Sharing", 1997, IEEE Vol. 2. Conf 12, pgs. 638-646.
CE	Wu, Ren-Hua et al., "Load-Current-Sharing Control for Parallel Operation of DC-to-DC Converters", IEEE Power Electronics Specialists Conference Record, 1993, pgs. 101-107.

Examiner Signature	Gary L. Lorton	Date Considered	11-4-02
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*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.